

M 6.0, 3km SW of Lejanias, Colombia

Origin Time: 2019-12-24 19:03:52 UTC (Tue 14:03:52 local)
Location: 3.5028° N 74.0461° W Depth: 11.0 km

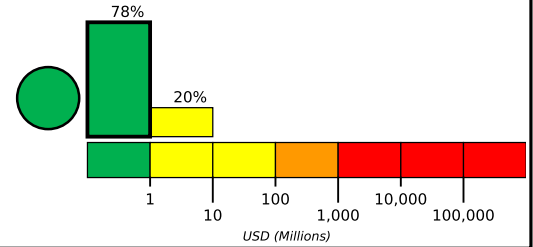
Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses

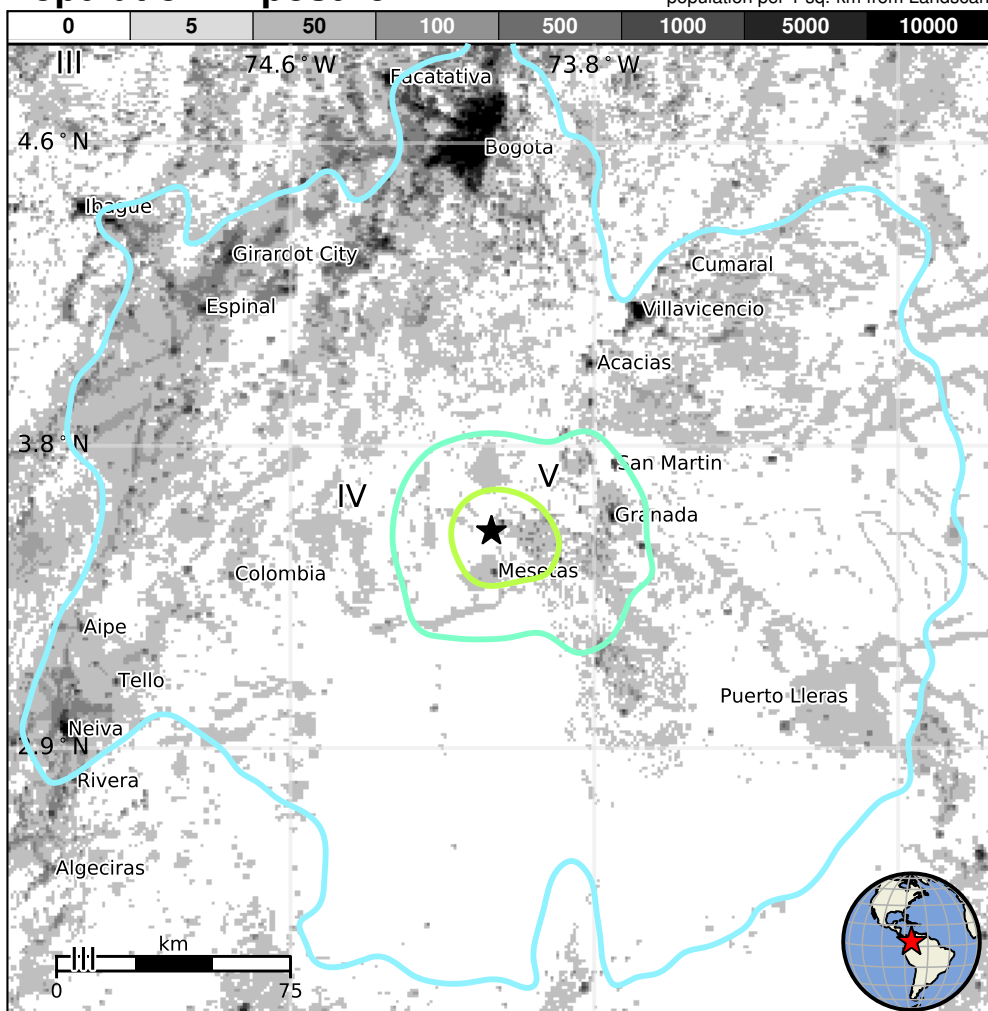


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	990k*	11,598k	96k	20k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are mud wall with wood and ductile reinforced concrete frame construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1983-03-31	313	5.6	VII(47k)	241
1991-11-19	385	7.2	VIII(3k)	2
1999-01-25	209	6.1	VIII(27k)	1k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Lejanias	5k
VI	Mesetas	4k
VI	San Juan de Arama	3k
V	El Castillo	3k
V	Granada	32k
V	San Martin	16k
IV	Bogota	7,674k
IV	Neiva	353k
IV	Ibague	422k
III	Villavicencio	322k
III	San Jose del Guaviare	22k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us70006qnn#pager>

bold cities appear on map.

(k = x1000)

Event ID: us70006qnn